

1. Normal algorithm with variance in the environment

ORIGINAL ALGO ONLY – For DENSE, raise temperature to 10

Exp.	Env.	mean_ter	var_ter	mean_step	var_step
1.a.1	Sparse	None	None	None	None
	Sparse	100	None	None	None
	Sparse	10 000	None	None	None
	Sparse	1 000 000	None	None	None
1.a.2	Sparse	None	None	None	None
	Sparse	None	None	1	None
	Sparse	None	None	10	None
	Sparse	10 000	None	10	None
1.b.1	Semisparsed	None	None	None	None
	Semisparsed	10 000	None	None	None
	Semisparsed	None	None	1	None
	Semisparsed	10 000	None	1	None
1.c.1	Dense	None	None	None	None
	Dense	None	None	100	None
	Dense	10 000	None	None	None
	Dense	10 000	None	100	None

2. Modified algorithm vs normal algorithms

Compare original algo against modified algo on these environments:

Exp.	Env.	mean_ter	var_ter	mean_step	var_step
2.a.1	Sparse	None	None	None	None
2.a.2.a	Sparse	10 000	None	None	None
2.a.2.b	Sparse	10 000	250 000	None	None
2.a.3.a	Sparse	None	None	1	None
2.a.3.b	Sparse	None	None	1	0.6
2.a.4.a	Sparse	None	None	10	None
2.a.4.b	Sparse	None	None	10	60
2.a.5.a	Sparse	10 000	None	10	None
2.a.5.b	Sparse	10 000	250 000	10	60
2.b.1	Semisparsed	None	None	None	None
2.b.2.a	Semisparsed	10 000	None	None	None

2.b.2.b	Semisparsed	10 000	250 000	None	None
2.b.3.a	Semisparsed	None	None	10	None
2.b.3.b	Semisparsed	None	None	10	60
2.b.4.a	Semisparsed	10 000	None	10	None
2.b.4.b	Semisparsed	10 000	250 000	10	60
2.c.1	Dense	None	None	None	None
2.c.2.a	Dense	10 000	None	None	None
2.c.2.b	Dense	10 000	250 000	None	None
2.c.3.a	Dense	None	None	100	None
2.c.3.b	Dense	None	None	100	6000
2.c.4.a	Dense	10 000	None	100	None
2.c.4.b	Dense	10 000	None	100	6000